



MIAMI-DADE COUNTY, FLORIDA

BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908  
[www.buildingcodeonline.com](http://www.buildingcodeonline.com)

## NOTICE OF ACCEPTANCE (NOA)

Starline Industries, Inc.  
4206 Shannon Drive  
Baltimore, Maryland 21213

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including High Velocity Hurricane Zone of the Florida Building Code.

### DESCRIPTION: Series 140 Aluminum Horizontal Sliding Window (OXO)-Steel Reinforced

**APPROVAL DOCUMENT:** Drawing No. **225**, titled "Series 140 Horizontal Sliding Window OXO", sheets 1 through 8 of 8, prepared by manufacture, dated 03/22/03 and last revised on 03-09-2006, signed and sealed by Allen N. Reeves, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence sheets E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No 04-1202.05  
Expiration Date: April 06, 2011  
Approval Date: April 06, 2006  
Page 1

3/14/6

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **225**, titled "Series 140 Horizontal Sliding Window OXO", sheets 1 through 8 of 8, prepared by manufacture, dated 05/22/03 and last revised on 03-09-2006, signed and sealed by Allen N. Reeves, P.E .

**B. TESTS**

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
5) Large Missile Impact Test per FBC, TAS 201-94  
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Testing Laboratory, LLC, Test reports No. HTL-0296-0208-02 (Sp# 1 & 4) & HTL-0296-0506-02 (Sp# 2 & 3) signed and sealed by Vinu Abraham, P.E.

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, prepared by HR Engineering, Inc., dated 10/29/04, 12/07/05 and last revised on 01-10-2006, signed and sealed by Allen M. Reeves, P.E.
2. Glazing complies w/ASTME-1300-98.

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

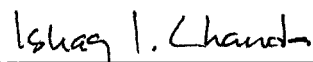
1. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for "Sentry ® Plus", expiring on 01/14/07.
2. Notice of Acceptance No. **03-0225.10** issued to GlassLam N. G. I. ,dba Nebula Glass Inc. for "Safety Plus II ®", expiring on 01/14/07

**F. STATEMENTS**

1. Statement letter of conformance dated 11/29/04 and no financial interest, dated 10/15/04, both signed and sealed by Allen M. Reeves, P.E.
2. Statement letter of Lab compliance, part of the above test reports.
3. Addendum letter dated 01-26-2006 issued by Hurricane Testing Lab for above test report, signed and sealed by Vinu Abraham, P.E.

**G. OTHER**

1. None



Ishaq I. Chanda, P.E.

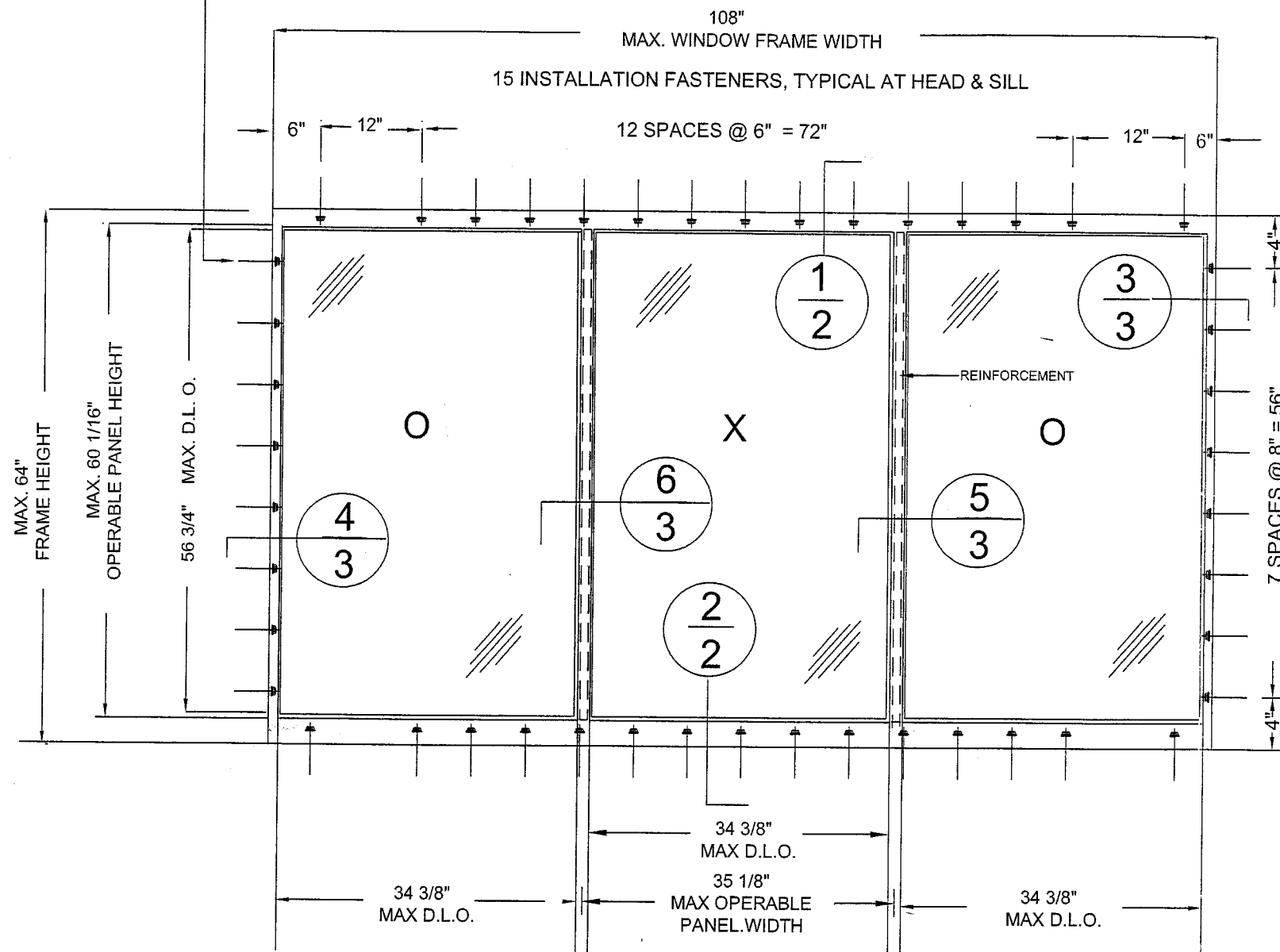
Product Control Examiner

NOA No 04-1202.05

Expiration Date: April 06, 2011

Approval Date: April 06, 2006

FOR TYPES OF INSTALLATION FASTENERS, SEE NOTE ON SHEET 4 OF 8  
 FOR LOCATIONS OF INSTALLATION FASTENERS, SEE CROSS SECTIONS ON SHEETS 2 & 3 OF 8



WINDOW ELEVATION VIEW - EXTERIOR

DESIGN PRESSURE RATING WITH GLAZING TYPE "A"  
 .590" OVERALL LAMINATED GLASS CONSISTING OF:  
 9/16" SENTRY GLASS PLUS LAMINATED  
 GLASS (1/4" H.S.) +  
 .090 INNER LAYER (SENTRY PLUS BY DUPONT) +  
 GLASS (1/4" H.S.) GLASS

POSITIVE	65.0 PSF
NEGATIVE	65.0 PSF

DESIGN PRESSURE RATING WITH GLAZING TYPE "B"  
 0.875" Laminated Tempered Glass Consisting Of:  
 1/8" Tempered Glass +  
 .090 Safety Plus 2 Interlayer by Glass Lam. +  
 1/8" Tempered Glass +  
 3/8" Airspace +  
 1/8" Tempered Glass

POSITIVE	65.0 PSF
NEGATIVE	65.0 PSF

Approved as complying with the  
 Florida Building Code  
 Date: APRIL 06, 2006  
 NOAH 04-1202-03  
 Miami Dade Product Control  
 Division  
 By: Shag J. Chaula

STARLINE INDUSTRIES, Inc.  
 4206 Shannon Drive  
 P.O. Box 4262  
 Baltimore, Maryland 21213  
 Phone: 410-325-5300  
 Fax: 410-483-6204

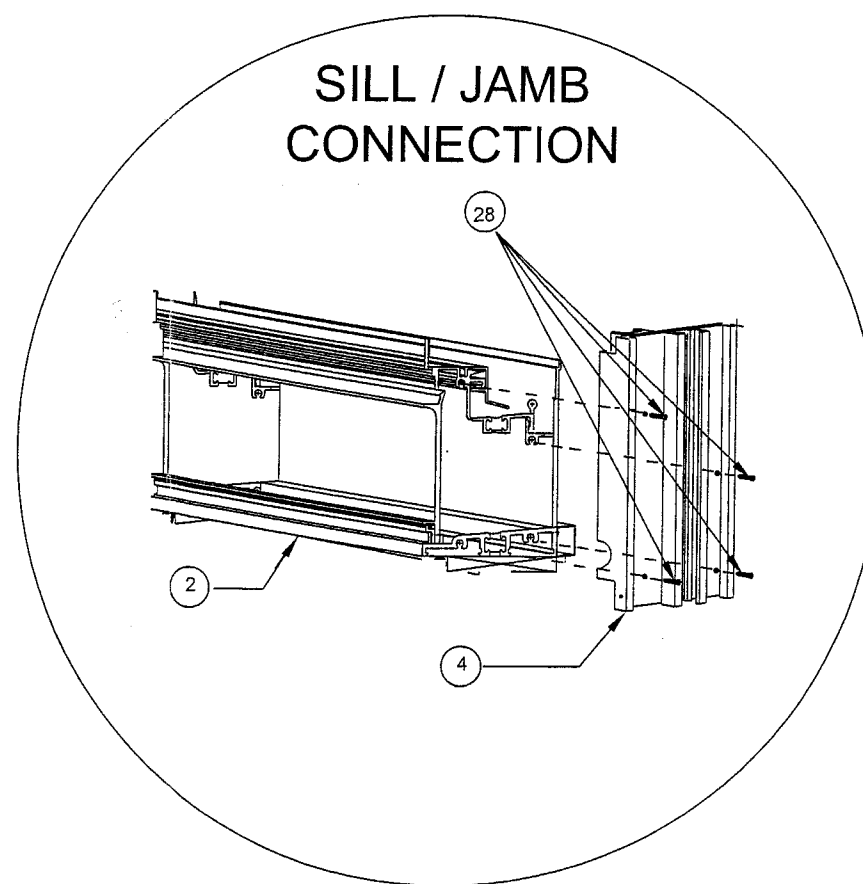
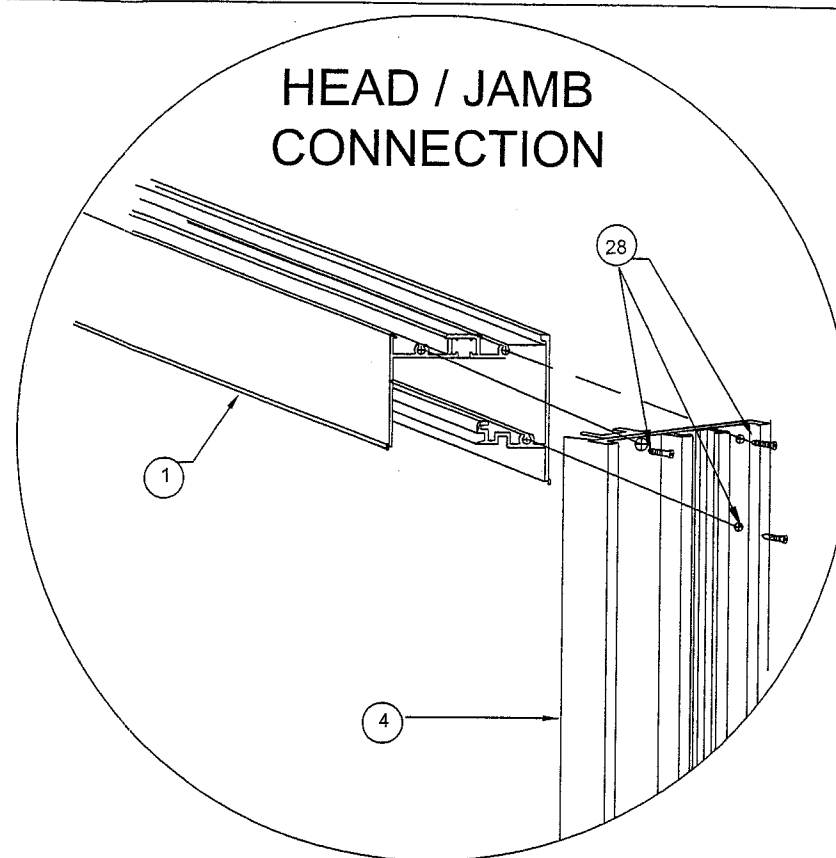
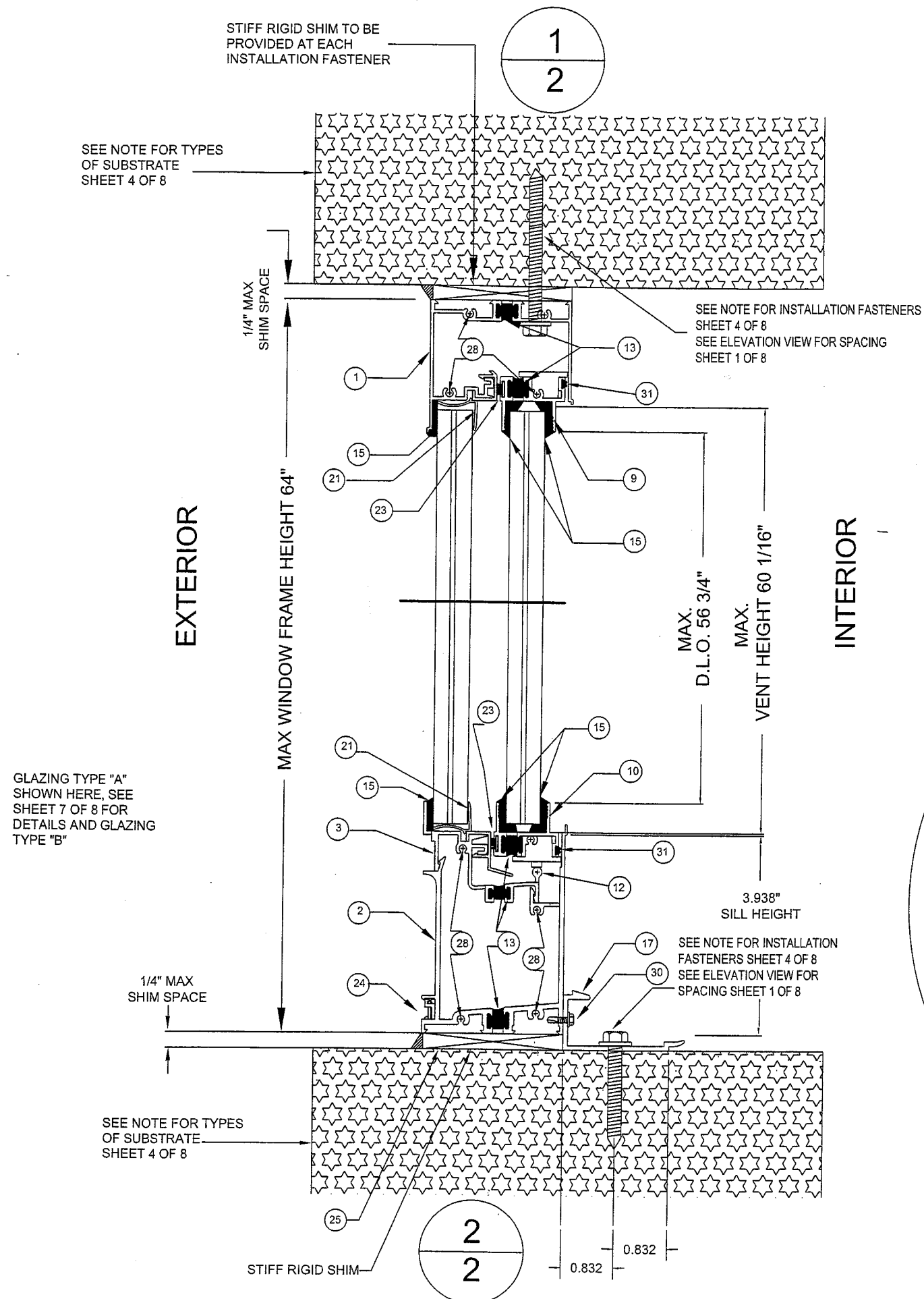


Revisions		
Mark	Date	By
	11/14/05	CB
	01/16/06	CB

SERIES 140 ALUMINUM HORIZONTAL  
 SLIDING WINDOW (OXO)

DWG NUMBER:	225
Date:	3-20-2003
Drawn By:	KAH
Checked By:	ANR
Sheet:	1 of 8

Allen H. Ream  
 9 MARCH 2006



Approved as complying with the  
Florida Building Code  
Date APRIL 06, 2006  
NOA# 04-1202-05  
Miami Code Product Control  
Division  
By Ishag J. Chaudh

**STARLINE INDUSTRIES, Inc.**  
4206 Shannon Drive  
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Baltimore, Maryland 21213  
Phone: 410-325-5300  
Fax: 410-483-6204



Starline Industries

Revisions		
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	01/16/06	CB

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SLIDING WINDOW ( OXO )

DWG. NUMBER:  
225

Date: 3-20-03

Drawn By: KAH

Checked By:  
ANR

Sheet: 2 of 8

Allen N. Reese  
9 MARCH 2006

## VERTICAL CROSS SECTIONS

STIFF, RIDGID SHIM TO BE PROVIDED  
AT EACH INSTALLATION FASTENER

SEE NOTE FOR  
TYPES OF SUBSTRATE  
SHEET 4 OF 8

SEE NOTE FOR INSTALLATION  
FASTENERS SHEET 4 OF 8  
SEE ELEVATION VIEW FOR  
SPACING SHEET 1 OF 8

1/4" MAX SHIM SPACE

SINGLE SASH LOCK  
LOCATED AT MIDHEIGHT  
OF SASH

INTERIOR

35 1/4" MAX OPERABLE  
PANEL WIDTH

SEE NOTE FOR  
TYPES OF SUBSTRATE  
SHEET 4 OF 8

SEE NOTE FOR INSTALLATION  
FASTENERS SHEET 4 OF 8  
SEE ELEVATION VIEW FOR  
SPACING SHEET 1 OF 8

1/4" MAX SHIM SPACE

EXTERIOR

## HORIZONTAL CROSS SECTION

VENT TOP RAIL / LOCK  
JAMB CONNECTION

VENT BOTTOM RAIL /  
INTERLOCK JAMB CONNECTION

Approved as complying with the  
Florida Building Code  
Date APRIL 06, 2006  
NOA# 04-1202-05  
Miami Dade Product Control  
Division  
By Shay L. Chaudh

STARLINE INDUSTRIES, Inc.

4206 Shannon Drive

P.O. Box 4262

Baltimore, Maryland 21213

Phone: 410-325-5300

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### Revisions

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	11/14/05	CB
	01/16/06	CB

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SLIDING WINDOW (OXO)

DWG. NUMBER  
225

Date:  
3-20-2003

Drawn By:  
KAH

Checked By:  
ANR

Sheet:  
3 of 8

Allen N. Reenan  
9 MARCH 2006

BILL OF MATERIALS

ITEM	NAME	PART NO.	ALLOY/TEMP	COMMENTS
1	HEAD	100	6063-T5	SWP-603.8
2	SILL	155	6063-T5	SWP-603.8
3	SILL INSERT	142	6063-T5	SWP-603.8
4	JAMB	102	6063-T5	SWP-603.8
5	VENT JAMB STILE	106	6063-T5	SWP-603.8
6	VENT LOCK STILE	137	6063-T5	SWP-603.8
7	KEEPER INTERLOCK STILE	151	6063-T5	SWP-603.8
8	JAMB INTERLOCK STILE	103	6063-T5	SWP-603.8
9	TOP VENT RAIL	105	6063-T5	SWP-603.8
10	BOTTOM VENT RAIL	105	6063-T5	SWP-603.8
11	7/8 GLAZING VINYL	1501	NEOPRENE	PROTO-TYPE
12	ROLLER TRACK CAP	1534	S/S	JOHNSTON BROTHERS
13	THERMAL BREAK			URETHANE
14	SHEAR BLOCK	609	6063-T5	MILL FINISH
15	SILICONE SEALANT			DOW-CORNING 995
16	SETTING BLOCKS	1535	80/90 DUROMETER NEOPRENE	1/8" X 1" X 2"
17	L CLIP MINIMUM 6" LONG	215		STARLINE
18	STILE REINFORCEMENT	1000	Steel Fy = 36 ksi	3/4" X 1 3/4" Full Length
19	MULL CAP	1531		COVER OVER REINFORCEMENT SLOT
20	STILE COVER	1504		MOR-X PLASTIC
21	9/16 GLAZING BEAD	1500	RIGID VINYL	MOR-X PLASTIC
22	POLY SPACER	1507		PROTO-TYPE VINYL
23	WEATHERSTRIPING	1516		Schlegel 7515-6611-6
24	WEEP COVERS	1611		P.D.D.I.
25	SILL END SEAL			LAMATEC
26	SASH LOCK		6063-T5	STARLINE
27	SCREW			#8x7/8" PFH
28	SCREW			#8x1-1/4" PPH
29	SCREW			#8x1" PPH
30	SCREW			#10 x 3/4 PH Tek
31	VINYL ISOLATOR	1529		PROTO-TYPE VINYL
32	SETTING BLOCKS	1535	80/90 DUROMETER NEOPRENE	1/8" X 5/8" X 2"
33	SASH ROLLERS	1605		Seastrom S/S
34	7/8" GLAZING SPACER	INSULATED GLASS SPACER BY GLASSLAM		

NOTES:

TYPES OF SUBSTRATE:
1) MASONARY BLOCK
2) WOOD FRAME
3) STEEL
4) CONCRETE
FINISH :
1) STANDARD WHITE PAINT
2) DARK BRONZE ANNODIZED
3) CLEAR ANODIZED
GLAZING:
TYPE A OR B - SEE SHEET 1 OF 8

INSTALLATION FASTENERS:
1) WOOD - #14 (1/4" DIAMETER) X 4" WOOD SCREWS MINUMUM 2 1/2" EMBEDMENT .975 EDGE DISTANCE ( EITHER 2 - 2 X OR 2 1/2" MINUMUM SOLID WOOD ).
2) STEEL - #14 (1/4" DIAMETER) X 1 1/2" SELF DRILLING SCREWS - MINUMUM .220" THICK SUBSTRATE.
3) CONCRETE & MASONARY - 1/4" DIAMETER X 2 3/4" TAPCONS BY ITW BUILDEX MINUMUM 1 1/4" EMBEDMENT / 2 1/2" EDGE DISTANCE.
4) NO ALLOWABLE INCREASE FOR WIND LOAD DURATION HAS BEEN USED WITH INSTALLATION FASTENERS, WITHTHE EXCEPTION OF WOOD WHERE A 1.6 DURATION FACTOR WAS USED.

Approved as complying with the  
 Florida Building Code  
 Date APRIL 06, 2006  
 NOA# 04-1202-05  
 Miami Dade Product Control  
 Division  
 By Isling J. Chavala

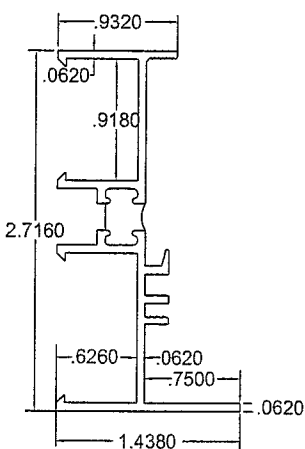
STARLINE INDUSTRIES, Inc.  
 4206 Shannon Drive  
 P.O. Box 4262  
 Baltimore, Maryland 21213  
 Phone: 410-325-5300  
 Fax: 410-483-6204



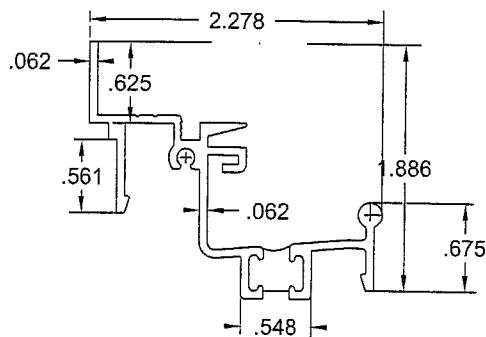
Revisions		
Mark	Date	By
	11/14/05	CB
	01/16/06	CB
SERIES 140 ALUMINUM HORIZONTAL SLIDING WINDOW ( OXO )		
DWG. NUMBER		
225		
Date:		
3-20-2003		
Drawn By:		
KAH		
Checked By:		
ANR		
Sheet:		
4 of 8		

Allen N. Reimer  
 9 MARCH 2006

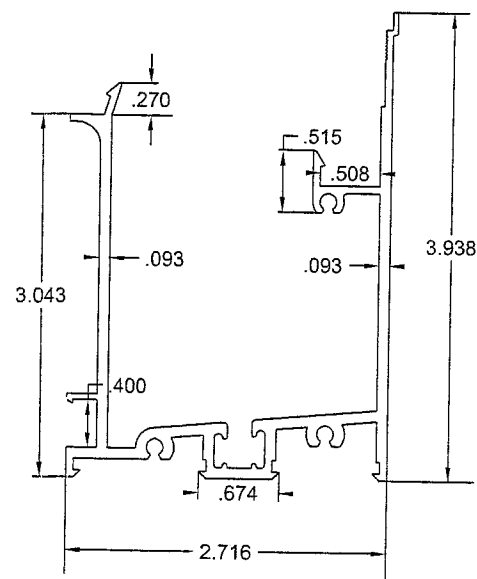
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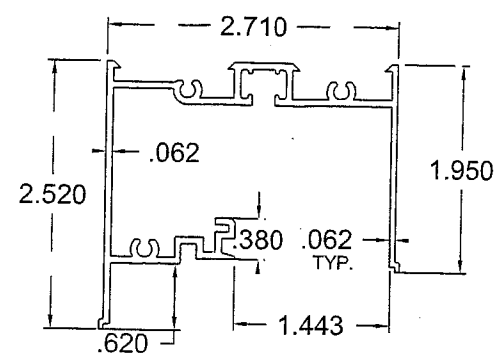
4 JAMB



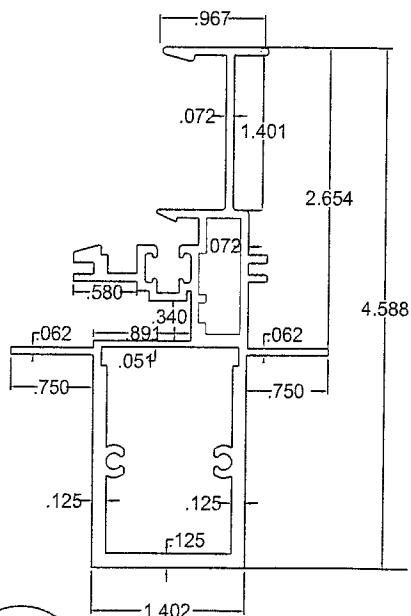
3 SILL INSERT



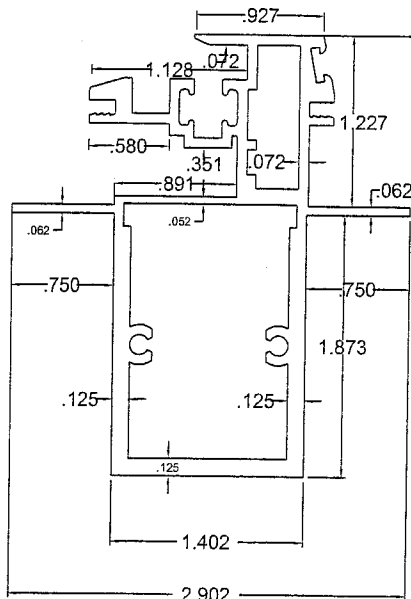
2 SILL



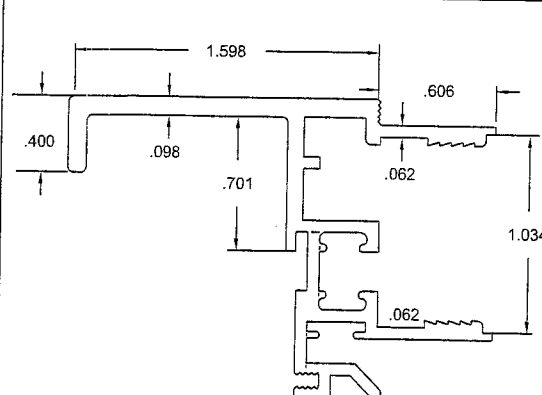
1 HEAD



8 JAMB INTERLOCK STILE



7 KEEPER INTERLOCK STILE



6 VENT LOCK STYLE

Approved as complying with the  
Florida Building Code  
Date: APRIL 06, 2006  
NOA# 04-1702-06  
Miami Dade Product Control  
Division  
By: Ishag I. Chande

STARLINE INDUSTRIES, Inc.  
4206 Shannon Drive  
P.O. Box 4262  
Baltimore, Maryland 21213  
Phone: 410-325-5300  
Fax: 410-483-6204



Revisions

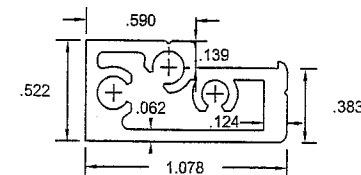
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	11/14/05	CB
	01/16/06	CB

SERIES 140 ALUMINUM HORIZONTAL SLIDING WINDOW (OXO)

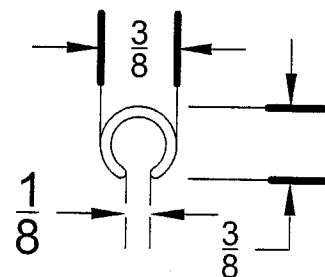
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Date:	3-20-2003
Drawn By:	KAH
Checked By:	ANR
Sheet:	5 of 8

Allen N. Remen  
9 MARCH 2006

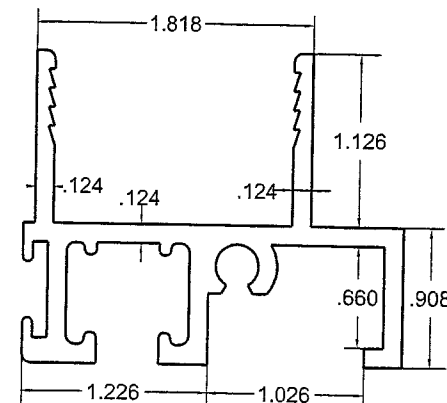
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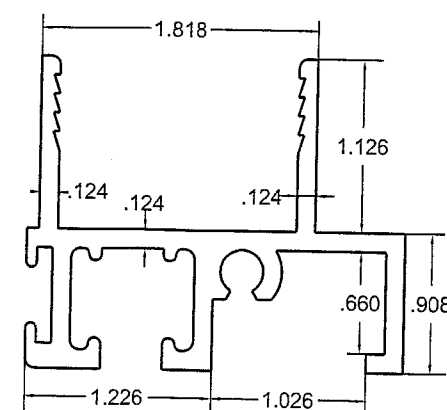
14 SHEAR BLOCK



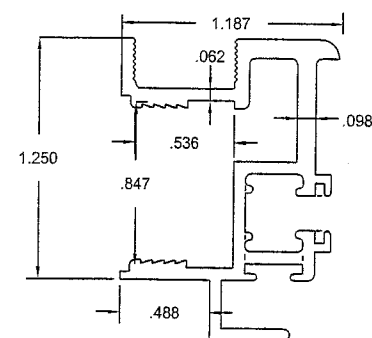
12 ROLLER TRACK CAP



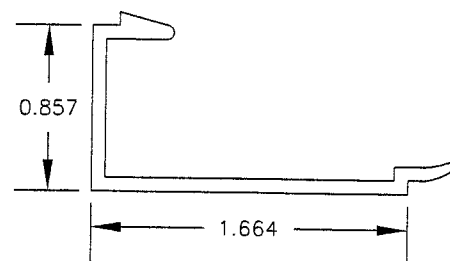
10 BOTTOM VENT RAIL



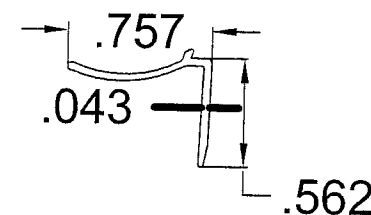
9 TOP VENT RAIL



5 VENT JAMB STYLE



17 L CLIP



21 9/16" GLAZING BEAD

Approved as complying with the  
Florida Building Code  
Date: APRIL 06, 2006  
NOAH 011-1202-06  
Miami Dade Product Control  
Division  
By: Isaac J. Lhanda

STARLINE INDUSTRIES, Inc.  
4206 Shannon Drive  
P.O. Box 4262  
Baltimore, Maryland 21213  
Phone: 410-325-5300  
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Revisions

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SERIES 140 ALUMINUM HORIZONTAL  
SLIDING WINDOW (OXO)

DWG. NUMBER

225

Date:

2-02-04

Drawn By:

KAH

Checked By:

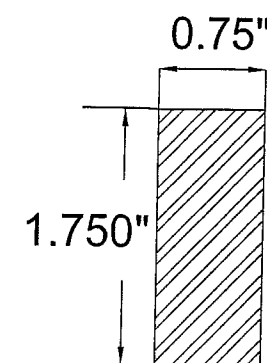
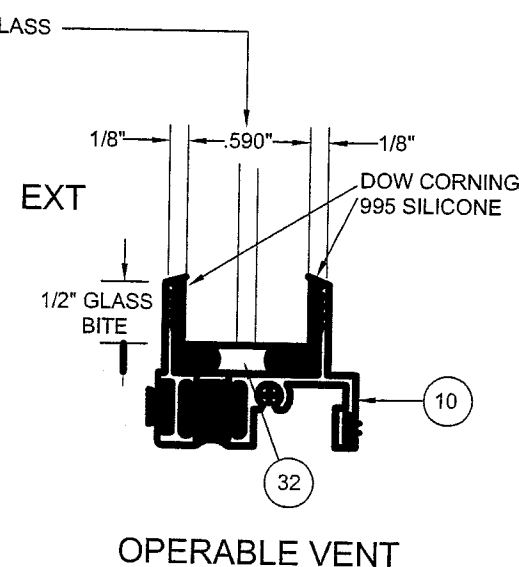
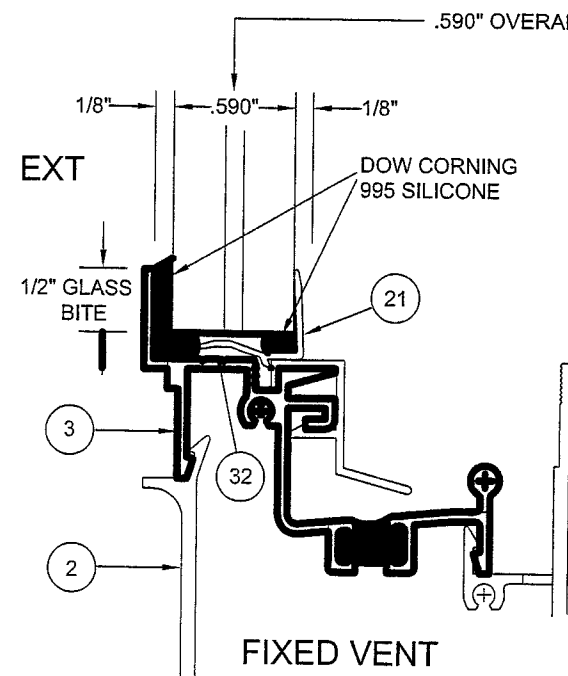
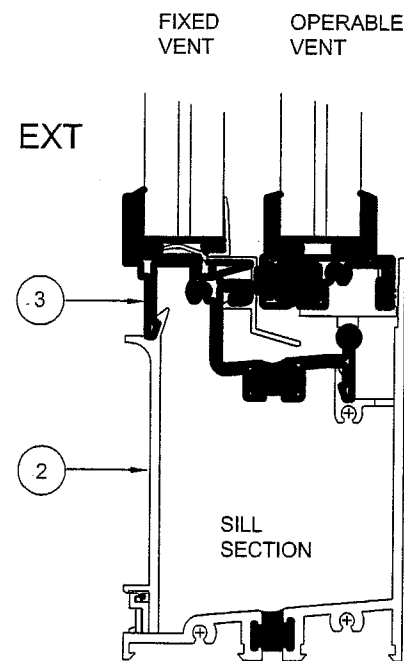
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Sheet:

6 of 8

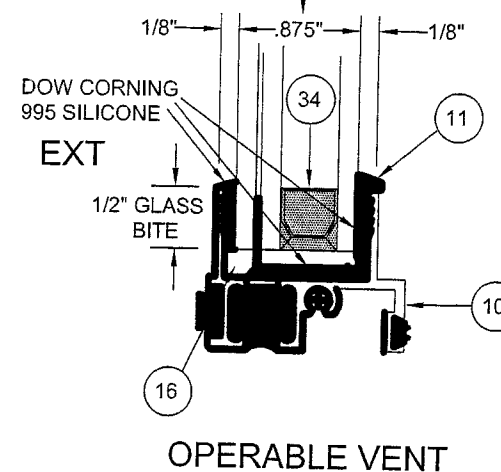
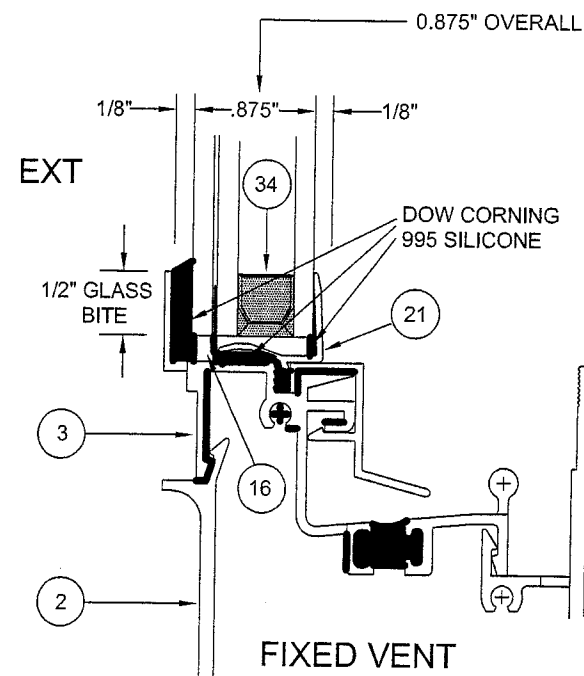
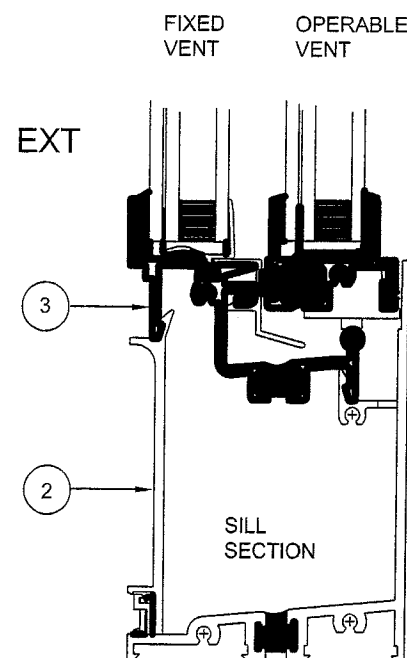
Allen M. Resman  
9 MARCH 2006





**18** STEEL  
REINFORCEMENT

GLAZING TYPE "A" DETAILS ( SINGLE PANE GLASS )



Approved as complying with the  
Florida Building Code  
Date APRIL 06, 2006  
NOAH 04-1202-05  
Miami Code Product Control  
Division  
By (Signature)

GLAZING TYPE "B" DETAILS ( INSULATED GLASS )

STARLINE INDUSTRIES, Inc.  
4206 Shannon Drive  
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Baltimore, Maryland 21213  
Phone: 410-325-5300  
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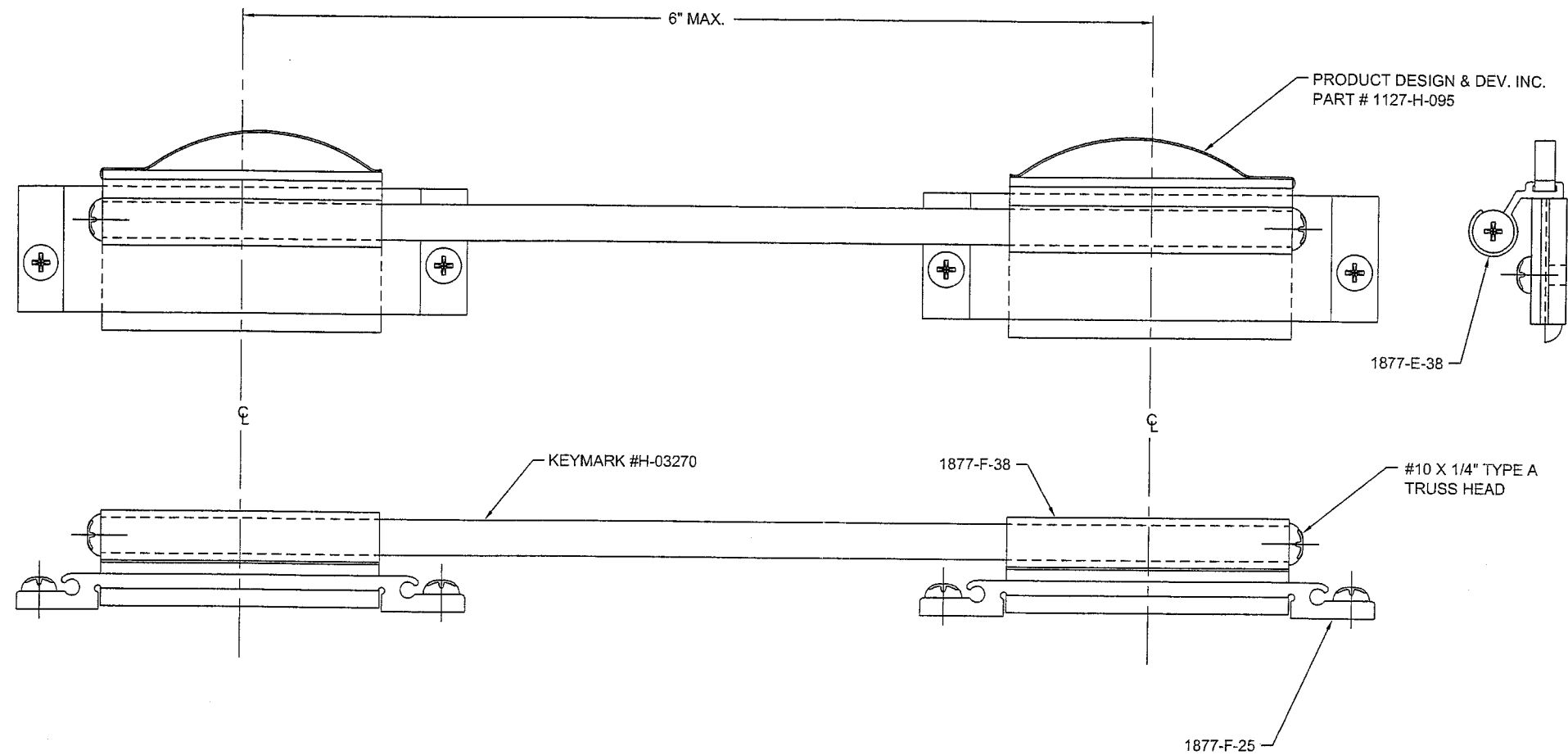


Revisions		
Mark	Date	By
	11/14/05	CB
	01/16/06	CB

SERIES 140 ALUMINUM HORIZONTAL  
SLIDING WINDOW ( OXO )

DWG. NUMBER	225
Date:	3-20-2003
Drawn By:	KAH
Checked By:	ANR
Sheet:	7 of 8

Allen H. Reese  
9 MARCH 2006



26

## SASH LOCK ASSEMBLY

PRODUCT DESIGN & DEV. INC.  
PART # 1127-H-095

1877-E-38

1877-F-38

#10 X 1/4" TYPE A  
TRUSS HEAD

1877-F-25

KEYMARK #H-03270

Approved as complying with the  
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Date APRIL 06, 2006  
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By Shaq I. Chande

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SLIDING WINDOW ( OXO )

DWG. NUMBER

225

Date:

5-22-03

Drawn By:

KAH

Checked By:

ANR

Sheet:

8 of 8

Allen M. Remon

9 MARCH 2006